

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 12, 2005, 19:28:11 ; Search time 161 Seconds
(without alignments)
48.998 Million cell updates/sec

Title: US-09-777-560-1

Perfect score: 90

Sequence: 1 RRKKAVALLPVALLALAP 20

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1777461 seqs, 394431504 residues

Total number of hits satisfying chosen parameters: 1777461

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep:*

10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep:*

11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:*

12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep:*

14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*

15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*

16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep:*

17: /cgn2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pep:*

18: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

19: /cgn2_6/ptodata/2/pubpaa/US11_PUBCOMB.pep:*

20: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*

21: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

22: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	90	100.0	20	12	US-09-777-560-1
2	90	100.0	20	12	US-09-777-560-2
3	80	88.9	29	15	US-10-126-103-124
4	80	88.9	29	15	US-10-431-096-124
5	80	88.9	29	17	US-10-858-367-60
6	75	83.3	17	12	US-09-777-560-27
7	72.5	80.6	20	12	US-09-777-560-3
8	70	77.8	16	9	US-09-214-371-45
9	70	77.8	16	9	US-09-811-870-5
10	70	77.8	16	9	US-09-785-802A-9
11	70	77.8	16	10	US-09-962-967A-3

12	70	77.8	16	10	US-09-965-876A-3	Sequence 3, Appl1
13	70	77.8	16	10	US-09-799-831-12	Sequence 12, Appl1
14	70	77.8	16	14	US-10-226-956-285	Sequence 285, App
15	70	77.8	16	14	US-10-077-555-7	Sequence 7, Appl1
16	70	77.8	16	14	US-10-211-088-103	Sequence 303, App
17	70	77.8	16	14	US-10-136-728-18	Sequence 18, Appl1
18	70	77.8	16	14	US-10-156-570A-26	Sequence 26, Appl1
19	70	77.8	16	15	US-10-144-559-18	Sequence 18, Appl1
20	70	77.8	16	15	US-10-185-593-4	Sequence 4, Appl1
21	70	77.8	16	15	US-10-232-410-1	Sequence 22, Appl1
22	70	77.8	16	15	US-10-261-161-22	Sequence 27, Appl1
23	70	77.8	16	16	US-10-465-826-27	Sequence 7, Appl1
24	70	77.8	16	16	US-10-751-380-7	Sequence 7, Appl1
25	70	77.8	16	16	US-10-688-229-18	Sequence 18, Appl1
26	70	77.8	16	16	US-10-722-176A-6	Sequence 6, Appl1
27	70	77.8	16	16	US-10-722-167A-9	Sequence 9, Appl1
28	70	77.8	16	16	US-10-148-457A-5	Sequence 5, Appl1
29	70	77.8	16	17	US-10-823-259-37	Sequence 37, Appl1
30	70	77.8	16	17	US-10-823-254-37	Sequence 37, Appl1
31	70	77.8	16	17	US-10-916-185-16	Sequence 16, Appl1
32	70	77.8	16	17	US-10-700-971C-7	Sequence 7, Appl1
33	70	77.8	16	18	US-10-927-262A-45	Sequence 45, Appl1
34	70	77.8	16	18	US-10-319-316-5	Sequence 5, Appl1
35	70	77.8	16	18	US-10-878-175B-37	Sequence 37, Appl1
36	70	77.8	16	18	US-10-991-286A-46	Sequence 46, Appl1
37	70	77.8	16	19	US-11-027-967-4	Sequence 4, Appl1
38	70	77.8	16	20	US-11-004-795A-117	Sequence 117, App
39	70	77.8	16	20	US-11-004-379-22	Sequence 22, Appl1
40	70	77.8	16	20	US-11-004-794A-101	Sequence 101, App
41	70	77.8	20	12	US-09-777-560-1	Sequence 12, App
42	70	77.8	20	20	US-11-066-687-1058	Sequence 1058, Ap
43	70	77.8	20	20	US-11-066-687-1060	Sequence 1060, Ap
44	70	77.8	22	14	US-10-136-728-45	Sequence 45, Appl1
45	70	77.8	22	16	US-10-688-299-45	Sequence 45, Appl1

ALIGNMENTS

RESULT 1

US-09-777-560-1

Sequence 1, Application US/09777560

Publication No. US20050130884A1

GENERAL INFORMATION:

APPLICANT: BULMANN, HERRMANN

TITLE OF INVENTION: PHARMACOLOGICALLY ACTIVE ANTIVIRAL PEPTIDES AND METHODS

TITLE OF INVENTION: OF THEIR USE

FILE REFERENCE: 032026-0460

CURRENT APPLICATION NUMBER: US/09/777,560

CURRENT FILING DATE: 2001-02-06

PRIOR APPLICATION NUMBER: 60/184,057

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: 60/180,823

PRIOR FILING DATE: 2000-02-07

NUMBER OF SEQ ID NOS: 32

SOFTWARE: Patentin Ver. 3.2

SEQ ID NO 1

LENGTH: 20

TYPR: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: peptide

US-09-777-560-1

Query Match

Best Local Similarity 100.0%; Score 90; DB 12; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 RRKKAVALLPVALLALAP 20

1 RRKKAVALLPVALLALAP 20

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OM protein - protein search, using sw model

Run on: September 12, 2005, 19:19:20 ; Search time 42 Seconds

(Without alignments)
35.547 Million cell updates/sec

Title: US-09-777-560-1

Sequence: 1 RRRKAAVALPVALALAP 20

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
- 2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
- 4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
- 5: /cgn2_6/ptodata/1/1aa/PCUTS.COMB.pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfilest.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	80	88.9	29	2	US-08-928-958-24
2	80	88.9	29	2	US-09-072-429-24
3	80	88.9	30	2	US-08-928-958-1
4	80	88.9	30	2	US-09-072-429-1
5	80	88.9	30	2	US-09-072-429-1
6	70	77.8	16	1	US-08-642-493-1
7	70	77.8	16	1	US-08-258-852-5
8	70	77.8	16	2	US-08-928-958-4
9	70	77.8	16	2	US-09-072-429-4
10	70	77.8	16	3	US-08-964-302A-3
11	70	77.8	16	3	US-09-170-754B-5
12	70	77.8	16	3	US-09-441-416A-3
13	70	77.8	16	3	US-09-411-706-1
14	70	77.8	16	3	US-09-230-548-19
15	70	77.8	16	4	US-09-450-071A-5
16	70	77.8	16	4	US-09-935-032-1
17	70	77.8	16	4	US-10-083-869-7
18	70	77.8	16	4	US-10-116-288A-23
19	70	77.8	16	5	US-10-144-549-18
20	70	77.8	24	3	PCT-US95-07539-5
21	70	77.8	24	3	US-09-230-548-21
22	70	77.8	26	1	US-08-258-852-1
23	70	77.8	26	1	US-08-258-852-3
24	70	77.8	26	1	US-08-258-852-8
25	70	77.8	26	1	US-08-258-852-9
26	70	77.8	26	2	US-08-928-958-2
27	70	77.8	26	2	US-08-928-958-5

28	70	77.8	26	2	US-09-072-429-2	Sequence 2, Appl1
29	70	77.8	26	3	US-09-072-429-5	Sequence 5, Appl1
30	70	77.8	26	3	US-09-170-754B-1	Sequence 1, Appl1
31	70	77.8	26	3	US-09-170-754B-3	Sequence 1, Appl1
32	70	77.8	26	3	US-09-170-754B-9	Sequence 8, Appl1
33	70	77.8	26	3	US-09-170-754B-9	Sequence 8, Appl1
34	70	77.8	26	4	US-09-450-071A-3	Sequence 1, Appl1
35	70	77.8	26	4	US-09-450-071A-3	Sequence 1, Appl1
36	70	77.8	26	4	US-09-450-071A-8	Sequence 8, Appl1
37	70	77.8	26	4	US-09-450-071A-9	Sequence 8, Appl1
38	70	77.8	26	4	US-09-450-071A-13	Sequence 13, Appl1
39	70	77.8	26	5	PCT-US95-07539-1	Sequence 1, Appl1
40	70	77.8	26	5	PCT-US95-07539-3	Sequence 3, Appl1
41	70	77.8	26	5	PCT-US95-07539-8	Sequence 8, Appl1
42	70	77.8	26	5	PCT-US95-07539-9	Sequence 9, Appl1
43	70	77.8	28	1	US-08-258-852-4	Sequence 4, Appl1
44	70	77.8	28	3	US-09-170-754B-4	Sequence 4, Appl1
45	70	77.8	28	3	US-09-170-754B-4	Sequence 4, Appl1

ALIGNMENTS

RESULT 1
US-08-928-958-24
Sequence 24, Application US/08928958
Patent No. 5877282
GENERAL INFORMATION:
APPLICANT: NADLER, STEVEN G.
APPLICANT: CLEAVELAND, JEFFREY S.
APPLICANT: BLAKE, JAMES
APPLICANT: HAFAR, OMAR K.
TITLE OF INVENTION: PEPTIDE INHIBITORS OF NUCLEAR PROTEIN
TITLE OF INVENTION: TRANSLLOCATION HAVING NUCLEAR LOCALIZATION SEQUENCES AND
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSER: ROBINS & ASSOCIATES
STREET: 90 MIDDLEFIELD ROAD, SUITE 200
CITY: MENLO PARK
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,958
FILING DATE: 12-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026978
FILING DATE: 20-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: ROBINS, ROBERTA L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5998-0019
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 325-7812
TELEFAX: (650) 325-7823
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-928-958-24
Query Match 88.9%; Score 80; DB 2; Length 29;
Best Local Similarity 90.0%; Pred. No. 1.2e-05;

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OW protein - protein search, using sw model

Run on: September 12, 2005, 19:29:47 ; Search time 167 Seconds
(without alignments)
61.327 Million cell updates/sec

Title: US-09-777-560-1

Perfect score: 90

Sequence: 1 RRRKAAVALPAAVLLALAP 20

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1612378 seqs, 512079187 residues

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : UniProt_03:*

1: uniprot_sprot:*

2: uniprot_trembl:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Hit No.	Score	Query Match Length	ID	Description
1	70	77.8	206 1	PGF4_HUMAN
2	63	70.0	206 1	PGF4_BOVIN
3	55	61.1	74 2	Q9HRE2
4	53	58.9	100 2	Q92R04
5	51.5	57.2	450 1	ACHX_HUMAN
6	50	55.6	177 2	Q8Y713
7	50	55.6	828 1	CADM_HUMAN
8	49	54.4	177 2	Q720F6
9	49	54.4	194 1	PGF4_CHICK
10	49	54.4	206 2	Q9KZV1
11	49	54.4	346 1	Q6W2C3
12	49	54.4	488 1	MM11_HUMAN
13	49	54.4	488 2	Q6PEZ6
14	48	53.3	167 2	Q53527
15	48	53.3	167 2	Q7VEM9
16	48	53.3	340 2	Q88PY1
17	48	53.3	417 1	MU2A_CLOAB
18	48	53.3	468 2	Q6MS76
19	48	53.3	529 2	Q6CNA8
20	47.5	52.8	447 2	Q91LBS
21	47	52.2	285 2	Q72FG9
22	47	52.2	286 2	Q9RDE2
23	47	52.2	317 2	Q91174
24	47	52.2	328 2	Q848W5
25	47	52.2	407 2	Q89MR3
26	47	52.2	428 2	Q8EM55
27	47	52.2	551 2	Q8W0B2
28	46	51.1	202 2	Q9RU46
29	46	51.1	267 2	Q8BIV1
30	46	51.1	353 2	Q8U798
31	46	51.1	353 2	Q8U798

32	46	51.1	417 1	MU2A_THETN	Q8r6v0 thermoanaer
33	46	51.1	418 1	MU2A_CLOAB	Q97dd5 clostridium
34	46	51.1	431 2	Q9AM70	Q9am70 rhodospirillum
35	46	51.1	601 2	Q82BE2	Q82ae2 streptomyces
36	45	50.0	100 2	Q8UGF5	Q8ugf5 agrobacterium
37	45	50.0	217 2	Q82NL9	Q82nl9 agrobacterium
38	45	50.0	255 2	Q91LY6	Q91ly6 oryza sativa
39	45	50.0	289 2	Q8VOC3	Q8v6c3 bacillus
40	45	50.0	289 2	Q65FH4	Q65fh4 bacillus
41	45	50.0	419 1	MU2A_STAM	P65456 staphylococcus
42	45	50.0	419 1	MU2A_STAM	P65457 staphylococcus
43	45	50.0	419 1	MU2A_STAM	Q8cmv3 staphylococcus
44	45	50.0	419 1	MU2A_STAM	Q8cmv3 staphylococcus
45	45	50.0	419 2	Q6G7I6	Q6g7i6 staphylococcus

ALIGNMENTS

RESULT 1

ID	PGF4_HUMAN	STANDARD	PRT	206 AA.
AC	P08620			
DT	01-AUG-1988 (Rel. 08, Created)			
DT	01-AUG-1988 (Rel. 08, Last sequence update)			
DT	25-OCT-2004 (Rel. 45, Last annotation update)			
DE	fibroblast growth factor-4 precursor (FGF-4) (Heparin secretory protein)			
DE	transforming protein (HST-1) (HST) (Transforming protein K33) (HBGF-4)			
GN	Name=PGF4; Synonyms=HST, HSTF1, KS3;			
OS	Homo sapiens (Human).			
OC	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;			
OC	Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.			
OX	NCBI_TaxID=9606;			
UN	[1]			
RP	SEQUENCE FROM N.A.			
RX	MEHLIN=88041096; PubMed=2959959;			
RA	Yoshida T., Miyagawa K., Odagiri H., Sakamoto H., Little P.R.,			
RT	Terada M., Sugimura T.;			
RT	"Genomic sequence of hst, a transforming gene encoding a protein homologous to fibroblast growth factors and the int-2-encoded protein."			
RT	Proc. Natl. Acad. Sci. U.S.A. 84:7305-7309(1987).			
RL	[2]			
RN	SEQUENCE FROM N.A.			
RP	MEHLIN=87204251; PubMed=2953031;			
RX	Taira M., Yoshida T., Miyagawa K., Sakamoto H., Terada M.,			
RA	Sugimura T.;			
RT	"cDNA sequence of human transforming gene hst and identification of the coding sequence required for transforming activity."			
RT	Proc. Natl. Acad. Sci. U.S.A. 84:2980-2984(1987).			
RL	[3]			
RN	SEQUENCE FROM N.A.			
RP	MEHLIN=87301716; PubMed=2957062; DOI=10.1016/0092-8674(87)90331-X;			
RA	Delli Bovi P., Curatola A.M., Kern F.G., Greco A., Iltmann M.,			
RT	Basilico C.;			
RT	"An oncogene isolated by transfection of Kaposi's sarcoma DNA encodes a growth factor that is a member of the FGF family."			
RT	Cell 50:729-737(1987).			
RL	[4]			
RN	X-RAY CRYSTALLOGRAPHY (1.8 ANGSTROMS) OF 79-206.			
RP	Pubmed=11486033; DOI=10.1126/0021-9195(1997)0011<11486033>1.0.TX; PubMed=11486033; DOI=10.1126/0021-9195(1997)0011<11486033>1.0.TX;			
RA	Basilico C., Iwahori A., Plocnikov A.N., Eliseenkova A.V.,			
RT	"Identification of receptor and heparin binding sites in fibroblast growth factor 4 by structure-based mutagenesis."			
RT	Mol. Cell. Biol. 21:5946-5957(2001).			
RL	Mo. Cell. Biol. 21:5946-5957(2001).			
CC	-1- FUNCTION: Can transform NIH 3T3 cells from a human stomach tumor (hst) and from Kaposi's sarcoma (KS3). It has a mitogenic activity.			
CC	-1- SIMILARITY: Belongs to the heparin-binding growth factors family.			
CC	activity.			
CC	-----			
CC	This SWISS-PROT entry is copyright. It is produced through a collaboration			

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OM protein - protein search, using sw model

Run on: September 12, 2005, 19:38:07; Search time 39 seconds
(without alignments)
49.342 Million cell updates/sec

Title: US-09-777-560-1

Perfect score: 90

Sequence: 1 RRRKAAVALPVALALAP 20

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 283416 seqs, 96216763 residues

Total number of hits satisfying chosen parameters: 283416

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :
1: pir1:*
2: pir2:*
3: pir3:*
4: pir4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	length	DB ID	Description
1	70	77.8	206	1	TYVHUS
2	63	70.0	206	1	fibroblast growth
3	55	74.1	206	2	fibroblast growth
4	50	55.6	177	2	hypothetical prote
5	49	54.4	194	2	hypothetical prote
6	49	54.4	488	2	fibroblast growth
7	48	53.3	167	2	stromelysin 3 (BC
8	47	52.2	317	2	hypothetical prote
9	46	51.1	202	2	probable adhesion
10	46	51.1	353	2	conserved hypotet
11	46	51.1	353	2	transcription regu
12	46	51.1	419	2	transcription regu
13	46	51.1	1251	2	UDP-N-acetylglucos
14	45	50.0	100	2	latent transformin
15	45	50.0	100	2	hypothetical prote
16	45	50.0	419	2	conserved hypotet
17	45	50.0	423	2	hypothetical prote
18	45	50.0	423	2	UDP-N-acetylglucos
19	45	50.0	428	2	UDP-N-acetylglucos
20	45	50.0	429	2	UDP-N-acetylglucos
21	45	50.0	441	2	UDP-N-acetylglucos
22	45	50.0	556	2	mitosis-specific c
23	45	50.0	557	2	K+-transporting AT
24	45	50.0	858	2	K+-transporting AT
25	44	48.9	244	2	prominin - mouse
26	44	48.9	244	2	chaperone-like pro
27	44	48.9	244	2	CD58 protein - pig
28	44	48.9	419	2	hypothetical prote
29	44	48.9	512	2	UDP-N-acetylglucos
					iron (III)-transpo

30	44	48.9	534	2	P90031
31	44	48.9	917	2	B81309
32	44	48.9	1094	2	P70697
33	44	48.9	5376	2	T42215
34	43	47.8	120	2	T44554
35	43	47.8	221	2	B86200
36	43	47.8	334	2	G84123
37	43	47.8	494	2	AC0133
38	43	47.8	660	2	B85499
39	43	47.8	660	2	B90648
40	43	47.8	660	2	A64739
41	43	47.8	1230	2	S47466
42	42.5	47.2	1308	2	T15280
43	42	46.7	219	2	A80945
44	42	46.7	253	2	G71560
45	42	46.7	256	2	T35133

ALIGNMENTS

RESULT 1
TYVHUS
fibroblast growth factor 4 - human
N.Alternate names: heparin secretory transforming protein 1; Kaposi sarcoma oncogene;
C.Species: Homo sapiens (man)
C.Date: 31-Mar-1989 #sequence_revision 31-Mar-1989 #text_change 09-Jul-2004
C.Accession: A28417; A29876; A29649
R.Yoshida, T.; Miyagawa, K.; Odagiri, H.; Sakamoto, H.; Little, P.F.R.; Terada, M.; Su
Proc. Natl. Acad. Sci. U.S.A. 84, 7305-7309, 1987
A.Title: Genomic sequence of het, a transforming gene encoding a protein homologous to
A.Reference number: A28417; MUID:86041096; PMID:2959595
A.Accession: A28417
A.Molecule type: DNA
A.Residues: 1-206 <YOS>
A.Cross-references: UNIPROT:P08620; DDBJ:J02986; NID:g184430; PIDN:AAB59555.1; PID:g38
R.Taira, M.; Yoshida, T.; Miyagawa, K.; Sakamoto, H.; Terada, M.; Sugimura, T.
Proc. Natl. Acad. Sci. U.S.A. 84, 2980-2984, 1987
A.Title: cDNA sequence of human transforming gene het and identification of the coding
A.Reference number: A29876; MUID:87204251; PMID:2953031
A.Accession: A29876
A.Molecule type: mRNA
A.Residues: 1-206 <TAI>
A.Cross-references: GB:J02986; GB:M16338; NID:g184430; PIDN:AAB59555.1; PID:g386788
R.Delli Boyl, P.; Curatola, A.M.; Kern, F.G.; Greco, A.; Ittmann, M.; Basilico, C.
Cell 50, 729-737, 1987
A.Title: An oncogene isolated by transfection of Kaposi's sarcoma DNA encodes a growth
A.Reference number: A29649; MUID:87301716; PMID:2957062
A.Accession: A29649
A.Molecule type: mRNA
A.Residues: 1-206 <BOV>
A.Cross-references: GB:M17446; NID:g186785; PIDN:AAB59473.1; PID:g307092
C.Comment: This protein is an oncogene for Kaposi's sarcoma. It is homologous to the m
C.Genetics: A:Gene: GDB:FGF4; HSTF1
A:Cross-references: GDB:120066; OMIM:164980
A:Map position: 11q13.3-11q13.3
A:introns: 114/1; 148/3
C:Superfamily: fibroblast growth factor
C:Keywords: growth factor; Kaposi sarcoma; transforming protein

Query Match 77.8%; Score 70; DB 1; Length 206;
Best Local Similarity 100.0%; Pred. No. 0.0038;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Or 5 AAVALPVALALAP 20
Db 7 AAVALPVALALAP 22

RESULT 2
JC4268
fibroblast growth factor 4 - bovine

more HSVs. The antiviral peptides are used for treating viral infection